

# **NORTH AMERICA INTERNATIONAL PATENT OFFICE**

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**OCT 09 2003**

**FROM : Winston Hsu, PATENT AGENT, REG. NO. : 41,526**

**OFFICIAL**

**SUBJECT: SERIAL NO. : 10/064,409**

**RESPONSE TO OFFICE ACTION MAILED ON 07/11/2003**

**TOTAL PAGES : 17 PAGES (INCLUDING COVER PAGE)**

**The hardcopy of this response will be sent to USPTO by Federal Express  
right away.**

**Winston Hsu 2003/10/09**

PTO/5B/97 (08-00)  
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APPLICATION NUMBER: 10/064,409<sup>1</sup>

**PAPERS INCLUDED:**

(1) Transmittal Form	1 PAGE
(2) Fee Transmittal	1 PAGE
(3) Response to the Office Action	13 PAGES

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<b>TRANSMITTAL FORM</b>  <i>(to be used for all correspondence after initial filing)</i>	Application Number	10/064,409	
	Filing Date	07/11/2002	
	First Named Inventor	Ching-Hsiang Hsu	
	Group Art Unit	2812	
	Examiner Name	Booth, Richard A	
Total Number of Pages in This Submission	15	Attorney Docket Number	EMEP0021USA

ENCLOSURES (check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment / Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Assignment Papers (for an Application) <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> Other Enclosure(s) (please identify below):
Remarks Response to the office action has been sent to the examiner by fax on 10/09/2003		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	Winston Hsu, Reg. No.: 41,526
Signature	<i>Winston Hsu</i>
Date	10/9/2003

CERTIFICATE OF MAILING		
I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, Washington, DC 20231 on this date: _____		
Typed or printed name		
Signature		Date

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PTO/8517 (01-03)

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U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

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**FEE TRANSMITTAL  
for FY 2003**

Effective 01/01/2003. Patent fees are subject to annual revision.

☒ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT

(\$) 0.00

**Complete if Known**

Application Number 10/064,409  
 Filing Date 07/11/2002  
 First Named Inventor Ching-Hsiang Hsu  
 Examiner Name Booth, Richard A  
 Art Unit 2812  
 Attorney Docket No. EMEP0021USA

**METHOD OF PAYMENT (check all that apply)**☐ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None☒ Deposit Account:

Deposit Account Number 50-0801

Deposit Account Name North America International Patent Office

The Commissioner is authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☒ Credit any overpayments☒ Charge any additional fee(s) during the pendency of this application☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.**FEE CALCULATION****1. BASIC FILING FEE**

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1001 750	2001 375	Utility filing fee	
1002 330	2002 165	Design filing fee	
1003 520	2003 260	Plant filing fee	
1004 750	2004 375	Reissue filing fee	
1006 160	2005 80	Provisional filing fee	

SUBTOTAL (1) (\$) 0.00

**2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE**

Total Claims  Extra Claims  Fee from below  Fee Paid   
 Independent Claims  -20\*\* =  X   
 Multiple Dependent Claims  -3\*\* =  X

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description
1202 18	2202 9	Claims in excess of 20
1201 84	2201 42	Independent claims in excess of 3
1203 280	2203 140	Multiple dependent claim, if not paid
1204 84	2204 42	** Reissue independent claims over original patent
1205 18	2205 9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$) 0.00

\*\*or number previously paid, if greater. For Reissues, see above

**FEE CALCULATION (continued)****3. ADDITIONAL FEES**

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1051 130	2051 65	Surcharge - late filing fee or oath	
1062 50	2052 25	Surcharge - late provisional filing fee or cover sheet	
1063 130	1053 130	Non-English specification	
1812 2,520	1812 2,520	For filing a request for ex parte reexamination	
1804 920*	1804 920*	Requesting publication of SIR prior to Examiner action	
1805 1,840*	1805 1,840*	Requesting publication of SIR after Examiner action	
1281 110	2281 55	Extension for reply within first month	
1252 410	2252 205	Extension for reply within second month	
1293 830	2293 415	Extension for reply within third month	
1264 1,460	2264 725	Extension for reply within fourth month	
1255 1,970	2255 985	Extension for reply within fifth month	
1401 320	2401 160	Notice of Appeal	
1402 320	2402 160	Filing a brief in support of an appeal	
1403 280	2403 140	Request for oral hearing	
1451 1,510	1451 1,510	Petition to institute a public use proceeding	
1482 110	2482 55	Petition to revive - unavoidable	
1453 1,300	2453 650	Petition to revive - unintentional	
1501 1,300	2501 650	Utility issue fee (or reissue)	
1502 470	2502 235	Design issue fee	
1503 630	2503 315	Plant issue fee	
1460 130	1460 130	Petitions to the Commissioner	
1807 50	1807 50	Processing fee under 37 CFR 1.17(c)	
1808 180	1808 180	Submission of Information Disclosure Sheet	
8021 40	8021 40	Recording each patent assignment per property (times number of properties)	
1809 760	2809 375	Filing a submission after final rejection (37 CFR 1.125(a))	
1810 780	2810 375	For each additional invention to be examined (37 CFR 1.129(b))	
1801 760	2801 375	Request for Continued Examination (RCE)	
1802 900	1802 900	Request for expedited examination of a design application	

Other fee (specify)

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$) 0.00

**SUBMITTED BY**

Name (Print/Type) Winston Hsu

Signature

Registration No. (Attorney/Agent)

41,528

(Complete if applicable)

Telephone 886289237350

Date

10/9/2003

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This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 38 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

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CUST#089002  
NPO#EMB-P0021-USA-1/再審初稿/柯慧琦

**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicants: Ching-Hsiang Hsu, Ching-Sung Yang

5 Examiner: Booth, Richard A

Filing Date: 07/11/2002 Art Unit: 2812

Serial No.: 10/064,409 Docket No.: EMEP0021USA

10 Title: STRUCTURE OF AN EMBEDDED CHANNEL WRITE/ERASE  
FLASH MEMORY CELL AND FABRICATING METHOD  
THEREOF

To: Commissioner for Patents  
P.O. Box 1450  
15 Alexandria VA 22313-1450

Subject: Response to the Office action dated 07/11/2003

Dear Sir or Madame:  
20

**INTRODUCTORY COMMENTS**

25 In response to the Office action identified above,  
the above-identified application is to be amended as  
indicated in the following sections. Consideration of  
all amendments is politely requested.